

1631

OIPE 1600

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/818,683A

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This Raw Listing contains the General Information
Section and up to first 5 pages.

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3 <130> FILE REFERENCE: PZ020P1
4 <140> CURRENT APPLICATION NUMBER: US/09/818,683A
5 <141> CURRENT FILING DATE: 2001-03-28
6 <150> EARLIER APPLICATION NUMBER: 09/305,736
7 <151> EARLIER FILING DATE: 1999-05-05
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2184	W	"N" or "Xaa" used: Feature required	tgctctatga tagaggtagc tngggcgtgg agtgaaac
2294	W	"N" or "Xaa" used: Feature required	ccttcacttg ccaaaacaac actccctgca aggttatc
2408	W	"N" or "Xaa" used: Feature required	tagaagaggt ctccgaatgc cggccggggg tggggggc
2455	W	"N" or "Xaa" used: Feature required	cacggcctat ggtttangtt aaaaccctta attntttt
2640	W	"N" or "Xaa" used: Feature required	atcctctcgc taactgcac ttttaactcta tactatat
2766	W	"N" or "Xaa" used: Feature required	tccaccctgt gcagctgcas ggggccagcg ggcagcag
2864	W	"N" or "Xaa" used: Feature required	ccatyctggc taacatgggtg acccccatct ctactaaa
2900	W	"N" or "Xaa" used: Feature required	tgatttaaaa tgtgnacatt gatttttttr aattccra
2993	W	"N" or "Xaa" used: Feature required	aattgtccta ncttgataag cacttgaggg gggacttg
2994	W	"N" or "Xaa" used: Feature required	tttctcatga gtctccaagc ccacttgaaa agtcacac
2995	W	"N" or "Xaa" used: Feature required	tgcgattttg gcggnccctc cggattgtgg tgacanta
2996	W	"N" or "Xaa" used: Feature required	atttaaattt ggcagtgraa attccacaaa gatttctg
3150	W	"N" or "Xaa" used: Feature required	cctggctctg cgcagggcgc atgactatga ggtagctc
3205	W	"N" or "Xaa" used: Feature required	cgncacgagg tgaagttcaa cccaatgcaa ctttcctt
3501	W	"N" or "Xaa" used: Feature required	ttggttctgc atcaaaaata tcaacgatga aagantat
3503	W	"N" or "Xaa" used: Feature required	ttncatggtt tgactctata tattcaagat aaattttc
3524	W	"N" or "Xaa" used: Feature required	aagtatganc aggagtctaa aaaggctggc aaagcttc
3648	W	"N" or "Xaa" used: Feature required	ctcaatattt gaattgttgc cccatttgct ttacctg
3657	W	"N" or "Xaa" used: Feature required	actttgataa taaaganaaa aaaaaaaaaa actcgtag
3718	W	"N" or "Xaa" used: Feature required	Ile Gln Ser Arg Ser Gln Trp Ala Leu Ser X
3739	W	"N" or "Xaa" used: Feature required	Ser Arg Thr Arg Ser Pro Xaa
3764	W	"N" or "Xaa" used: Feature required	Pro Pro Val Ser Cys Asp Ile Gln Pro Xaa

Input Set: I818683A.RAW

Line	Error/Warning	Original Text
3795	W "N" or "Xaa" used: Feature required	Ser Phe Xaa Phe Met Met Phe Phe Ala Leu V
3813	W "N" or "Xaa" used: Feature required	Gln Ser Ser Xaa
3844	W "N" or "Xaa" used: Feature required	Cys Asp Ala Lys Phe Arg Trp Cys Leu Xaa S
3852	W "N" or "Xaa" used: Feature required	Glu Leu Xaa
3885	W "N" or "Xaa" used: Feature required	Glu Ala Glu Thr Ser Leu Xaa
3910	W "N" or "Xaa" used: Feature required	Gly Ala Val Ala Thr Cys Gln Pro Leu Xaa
3953	W "N" or "Xaa" used: Feature required	Glu Arg Thr Arg Leu Leu Ser Arg Asp Ile X
3974	W "N" or "Xaa" used: Feature required	Pro Ala Leu Gly Arg Phe Leu Ala Ser Glu L
3997	W "N" or "Xaa" used: Feature required	Gly Asp Pro Pro Ala Ile Leu Pro His Cys G
4018	W "N" or "Xaa" used: Feature required	His Phe Gln Asn Ser Gln Asn Xaa
4037	W "N" or "Xaa" used: Feature required	Glu Asn Asn Gly Ala Lys Leu Gln Ser Xaa
4056	W "N" or "Xaa" used: Feature required	Arg Gly Val Thr Met Phe Ile Xaa
4085	W "N" or "Xaa" used: Feature required	Ile Phe Tyr His Arg Gly Val Xaa
4102	W "N" or "Xaa" used: Feature required	Tyr Asn Tyr Ser Tyr Pro Phe Ala Cys Asp G
4143	W "N" or "Xaa" used: Feature required	Pro Lys Arg Glu Glu His Val Glu Xaa Pro X
4145	W "N" or "Xaa" used: Feature required	Xaa Xaa Thr Tyr Leu Phe Val Ser Tyr Asn L
4147	W "N" or "Xaa" used: Feature required	Phe Ser Ser Gln Val Leu Leu Pro Leu Leu X
4164	W "N" or "Xaa" used: Feature required	Arg Gly Thr Arg Val Glu Xaa
4189	W "N" or "Xaa" used: Feature required	Gln Leu Cys Cys Gly Cys Thr Ala Arg Leu G
4191	W "N" or "Xaa" used: Feature required	Ala Ser Arg Cys Gly Ser Gly Ser Ala Phe L
4206	W "N" or "Xaa" used: Feature required	Ser Ser Pro Gln Leu His Leu Arg Ser Ser S
4227	W "N" or "Xaa" used: Feature required	Val Xaa
4257	W "N" or "Xaa" used: Feature required	Pro Ser Tyr Ser Gly Glu Gly Arg Pro Arg A
4259	W "N" or "Xaa" used: Feature required	Xaa Ala Gly Lys Glu Gly Gly Gln Lys Ser A
4263	W "N" or "Xaa" used: Feature required	Gln Val Ser Trp Arg Gln Asp Cys Arg Pro T
4310	W "N" or "Xaa" used: Feature required	Glu Asn Lys Ile Glu Asn Xaa
4327	W "N" or "Xaa" used: Feature required	Ser Gly Pro Met Ala Thr Ala Gln Asn Thr S
4360	W "N" or "Xaa" used: Feature required	Phe Phe Leu Phe Leu Pro Ser Ser Phe Pro P
4368	W "N" or "Xaa" used: Feature required	Cys Thr Lys His Leu Ser Xaa Thr Leu Cys G
4370	W "N" or "Xaa" used: Feature required	Leu Asn Ile Phe Xaa Thr Arg Ala Val Met T
4372	W "N" or "Xaa" used: Feature required	Phe Leu Xaa Ile His Trp Leu Leu Pro Xaa
4391	W "N" or "Xaa" used: Feature required	Lys Glu Ser His Gln Lys Arg Lys Xaa
4416	W "N" or "Xaa" used: Feature required	Val Leu Cys Gln Val Thr Cys Trp Val Lys X
4443	W "N" or "Xaa" used: Feature required	Trp Thr His Pro Ser Leu Ser Leu Gly Pro A
4462	W "N" or "Xaa" used: Feature required	Thr Trp His Asn Trp Leu Leu Pro Pro His L
4472	W "N" or "Xaa" used: Feature required	Gly Trp Thr Arg Xaa
4489	W "N" or "Xaa" used: Feature required	Ala Glu Leu Glu Ala Leu Lys Lys Ser Cys X
4514	W "N" or "Xaa" used: Feature required	Leu Thr Ser Leu Ala Gly Leu Gly Leu Trp L
4535	W "N" or "Xaa" used: Feature required	Ala Pro Ile Arg Trp Phe Xaa
4554	W "N" or "Xaa" used: Feature required	Met Val Thr Gly Phe Phe Phe Ile Leu Met T
4560	W "N" or "Xaa" used: Feature required	Phe Leu Ile Pro Ala Xaa Glu Ala Leu Leu T
4575	W "N" or "Xaa" used: Feature required	Phe Ser Ile Cys Thr Asn Val Asn His Ser L
4600	W "N" or "Xaa" used: Feature required	Val Leu Arg Xaa Phe Trp Val Leu Thr Val L
4606	W "N" or "Xaa" used: Feature required	Met Ile Arg Ala Cys Arg Val Asn Xaa
4625	W "N" or "Xaa" used: Feature required	Ser Cys Leu Pro Ser Pro Leu Xaa Lys Asn T
4631	W "N" or "Xaa" used: Feature required	Ser Ser Asp Pro Asn Ser Met Asp Xaa
4648	W "N" or "Xaa" used: Feature required	Ile Val Trp Thr Tyr Met Lys Arg Ser Xaa
4665	W "N" or "Xaa" used: Feature required	Thr Asn Phe Leu Ile Pro Leu Leu Val Pro P
4682	W "N" or "Xaa" used: Feature required	Leu Gln Val Thr Glu Pro Lys Leu Ser Cys P
4705	W "N" or "Xaa" used: Feature required	His Val Pro Ala Pro Gln Glu Xaa

Input Set: I818683A.RAW

Line	Error/Warning	Original Text
4752	W "N" or "Xaa" used: Feature required	Phe Val Gly Lys Xaa
4767	W "N" or "Xaa" used: Feature required	Leu Gly Cys Leu Ile Gly Val Ser Ser Asp G
4782	W "N" or "Xaa" used: Feature required	Tyr Leu Glu Gly Gln His Leu Gln Ile Cys P
4799	W "N" or "Xaa" used: Feature required	Gly Lys Val Pro Leu Leu Xaa
4818	W "N" or "Xaa" used: Feature required	Ser Ser Xaa
4835	W "N" or "Xaa" used: Feature required	Thr Val Xaa
4860	W "N" or "Xaa" used: Feature required	Leu Phe Leu Gly Ser Ser Ala His Leu Leu V
4866	W "N" or "Xaa" used: Feature required	Xaa Arg Val Glu Gly Gly Ala Phe Ala Arg G
4868	W "N" or "Xaa" used: Feature required	Gln Tyr Phe Pro Val Ser Cys Leu Tyr Gln X
4885	W "N" or "Xaa" used: Feature required	Leu Ser Lys Val Lys Phe Xaa
4906	W "N" or "Xaa" used: Feature required	Asp Glu Leu Leu Ala Ser Leu Met Met Xaa L
4908	W "N" or "Xaa" used: Feature required	Asn Cys Ser Ser Thr Thr Asp Ile Xaa Asn G
4910	W "N" or "Xaa" used: Feature required	Gly Gln Asn Phe Met Phe Gln Gln Asn Leu G
4935	W "N" or "Xaa" used: Feature required	Xaa
4951	W "N" or "Xaa" used: Feature required	Ser Tyr His Glu Phe Leu Ile Ala Thr Tyr A
4968	W "N" or "Xaa" used: Feature required	His Arg Pro Phe Leu Glu Arg Ile His Val L
4987	W "N" or "Xaa" used: Feature required	Asn Asp His Ile Ser Ile Xaa
5049	W "N" or "Xaa" used: Feature required	Xaa
5071	W "N" or "Xaa" used: Feature required	Ser Gly Lys Gly Phe Gly Lys Lys Ser Thr A
5090	W "N" or "Xaa" used: Feature required	Glu Pro Ala Arg Ser His Gly Leu Trp Arg A
5111	W "N" or "Xaa" used: Feature required	Glu Phe Arg Arg Arg Ser His Xaa
5126	W "N" or "Xaa" used: Feature required	Ile Cys Ser Ile Gln Asp Glu Ser Lys Xaa
5145	W "N" or "Xaa" used: Feature required	Asn Phe Phe Cys Xaa
5200	W "N" or "Xaa" used: Feature required	Gln Xaa Thr Val Arg Gly Glu Lys Gly Gln A
5202	W "N" or "Xaa" used: Feature required	Xaa Arg Lys Xaa Thr Xaa Xaa Pro Gly Cys L
5204	W "N" or "Xaa" used: Feature required	Val Cys Lys Pro Ala Lys Xaa Gly Leu Gly G
5210	W "N" or "Xaa" used: Feature required	Leu Gly Phe Pro Ser Ala Ser Arg Xaa
5227	W "N" or "Xaa" used: Feature required	Ser Cys Ile Gln Gln Val Ser Gln Val Gln T
5244	W "N" or "Xaa" used: Feature required	Trp Glu Thr Lys Cys Cys His Val Arg Ser L
5259	W "N" or "Xaa" used: Feature required	Leu Tyr Phe Leu His Ser Arg Val Cys Ala X
5274	W "N" or "Xaa" used: Feature required	Ile Gln Met Leu Pro Gly Leu Gln Xaa
5289	W "N" or "Xaa" used: Feature required	Leu Val Leu Val Lys Met Gly Tyr Asn Asn L
5304	W "N" or "Xaa" used: Feature required	Ser Gln Val Phe Pro Glu Glu Val Val Xaa
5319	W "N" or "Xaa" used: Feature required	Ile Ser Leu Leu Ile Ala Leu Asp Arg Xaa
5348	W "N" or "Xaa" used: Feature required	Xaa Ala Pro Ala Pro Arg Arg Ala Ala A
5352	W "N" or "Xaa" used: Feature required	Tyr Asn Arg Gly Arg Ala Ala Gly Xaa Arg A
5356	W "N" or "Xaa" used: Feature required	Ala Thr Leu Glu Glu Pro Pro Cys Asn Xaa X
5360	W "N" or "Xaa" used: Feature required	Xaa
5374	W "N" or "Xaa" used: Feature required	Trp Lys Ala Gly Cys Phe Val Pro Leu Pro A
5393	W "N" or "Xaa" used: Feature required	Val Tyr Trp Asn Met Ser Xaa Thr Ile Met M
5414	W "N" or "Xaa" used: Feature required	Arg Asn Ser Lys Thr Val Phe Thr Ser Xaa
5431	W "N" or "Xaa" used: Feature required	Arg Phe Xaa
5450	W "N" or "Xaa" used: Feature required	Xaa
5469	W "N" or "Xaa" used: Feature required	Asp Gly Asp Arg Lys Asp Asp Asn Ser Gly T
5484	W "N" or "Xaa" used: Feature required	Leu Asn Glu Ile Ile Thr Thr Ser Thr Trp A
5501	W "N" or "Xaa" used: Feature required	Cys Phe Leu Val Ala Leu Ile Ile Trp Cys X
5507	W "N" or "Xaa" used: Feature required	Thr Xaa
5524	W "N" or "Xaa" used: Feature required	Leu Leu Gly Trp Arg Ala Ser Leu Cys Met L
5541	W "N" or "Xaa" used: Feature required	Asn Ala Lys Ser Leu Gly Leu Xaa
5566	W "N" or "Xaa" used: Feature required	Pro Pro Gln Lys Ser Ser Cys Xaa Arg Leu H

VERIFICATION SUMMARY
PATENT APPLICATION US/09/818,683A

DATE: 01/11/2002

TIME: 10:54:20

Input Set: I818683A.RAW

Line	Error/Warning	Original Text
5582	W "N" or "Xaa" used: Feature required	Leu Leu Ile Thr Xaa
5597	W "N" or "Xaa" used: Feature required	His Cys Ile Ser Ser Gln Phe Trp Xaa
5614	W "N" or "Xaa" used: Feature required	Cys His Ser Gly Arg Val Gln Phe Arg Arg P
5631	W "N" or "Xaa" used: Feature required	Ala Asn Met Thr Ser Trp Pro Gln Arg Met X
5646	W "N" or "Xaa" used: Feature required	Phe Gly Leu Ser His His Ser Arg Lys Val A
5663	W "N" or "Xaa" used: Feature required	Ala Gly Ser Gly Ser Ser Trp His Asp Val P
5680	W "N" or "Xaa" used: Feature required	Phe Glu Glu Xaa
5697	W "N" or "Xaa" used: Feature required	Leu Tyr Xaa
5712	W "N" or "Xaa" used: Feature required	Leu Ser Lys Leu Pro Met Thr Leu Val Ser P
5729	W "N" or "Xaa" used: Feature required	Trp Trp Asn Xaa
5750	W "N" or "Xaa" used: Feature required	Glu Arg Ala Gly Ser His Gly His Gln Ala L
5752	W "N" or "Xaa" used: Feature required	Leu Xaa
5767	W "N" or "Xaa" used: Feature required	Gln Met Pro Gln Arg Cys Leu Pro Cys Cys M
5804	W "N" or "Xaa" used: Feature required	Arg Phe Tyr Leu Gly Gln Trp Xaa Glu Gly L
5808	W "N" or "Xaa" used: Feature required	Val Gly Tyr Val Gly Pro Ala Asp Gly Ser L
5825	W "N" or "Xaa" used: Feature required	Xaa
5839	W "N" or "Xaa" used: Feature required	Val Ile Leu Asn Lys Ser Ser Arg Xaa
5856	W "N" or "Xaa" used: Feature required	Gly Lys Gly His Xaa
5875	W "N" or "Xaa" used: Feature required	Leu Ser Asn Tyr Leu Phe Lys Thr Pro Arg T
5877	W "N" or "Xaa" used: Feature required	Arg Xaa
5892	W "N" or "Xaa" used: Feature required	Met Cys Leu Pro Leu Leu His Cys Thr Gly A
5896	W "N" or "Xaa" used: Feature required	His Gln Thr Val Gly Leu Val Val His Asp T
5913	W "N" or "Xaa" used: Feature required	Pro Gly Lys Gln Val Trp Xaa
5932	W "N" or "Xaa" used: Feature required	Ser Lys Tyr Phe Xaa
5962	W "N" or "Xaa" used: Feature required	Asn Xaa Asp Thr Thr Phe Lys Asn Lys Met L
5981	W "N" or "Xaa" used: Feature required	Cys Thr Asn Ile Ile Cys Ser Phe Gly Phe P
5998	W "N" or "Xaa" used: Feature required	Ser Gly Ala Val Xaa
6015	W "N" or "Xaa" used: Feature required	Val Val Thr Asp Xaa
6030	W "N" or "Xaa" used: Feature required	Val Lys Ile His Asn His Gly Arg Leu Pro X
6047	W "N" or "Xaa" used: Feature required	Xaa
6065	W "N" or "Xaa" used: Feature required	Leu Asn Arg Ser Arg Ile Pro Thr Gln Ile X
6080	W "N" or "Xaa" used: Feature required	Gly Cys Gly Arg Asn His Leu Ala Phe Lys A
6099	W "N" or "Xaa" used: Feature required	Xaa
6120	W "N" or "Xaa" used: Feature required	Thr Asp Asp Xaa
6151	W "N" or "Xaa" used: Feature required	Phe Thr His Lys Cys Pro Asp Val Xaa
6170	W "N" or "Xaa" used: Feature required	Leu Leu Xaa
6185	W "N" or "Xaa" used: Feature required	Thr Val Ile Val Thr Tyr Cys Gly Pro Leu L
6202	W "N" or "Xaa" used: Feature required	Ser Cys Thr Ile Lys Xaa
6219	W "N" or "Xaa" used: Feature required	Val Pro Arg Ala Ala Asn Lys Gly Xaa
6234	W "N" or "Xaa" used: Feature required	Asp Arg Val Ile Ile Thr Glu Arg Ile Xaa
6265	W "N" or "Xaa" used: Feature required	Xaa
6281	W "N" or "Xaa" used: Feature required	Leu Ile Xaa
6326	W "N" or "Xaa" used: Feature required	Cys Arg Ser Leu Arg Asn Xaa
6345	W "N" or "Xaa" used: Feature required	Gly Phe Ser Gly Xaa
6370	W "N" or "Xaa" used: Feature required	Phe Tyr Val Ser Val Lys Val Phe Lys Xaa
6387	W "N" or "Xaa" used: Feature required	Glu Ile Gln Gln Lys Ser Leu His Ser Ile X
6406	W "N" or "Xaa" used: Feature required	Leu Asn Asp Xaa
6421	W "N" or "Xaa" used: Feature required	Ile Ser His Ser Leu Thr Tyr Ser Phe His L
6440	W "N" or "Xaa" used: Feature required	Cys Ile Gly Ile Cys Arg Xaa
6455	W "N" or "Xaa" used: Feature required	Val Ser Gln Lys Arg Gly His Ile Xaa

Input Set: I818683A.RAW

Line	Error/Warning	Original Text
6474	W "N" or "Xaa" used: Feature required	Ser Val Thr Lys Thr Phe Leu Xaa
6706	W Line data has been corrected	GGGTCGACCC ACGCGTCCGG TAAAATATAA AGAAACTG
6707	W Line data has been corrected	AGATATAAGA GTTCGGACCG CCCAGCACAC AAGGTCAAG
6708	W Line data has been corrected	CTCGCTATAG CTGTTGTCCA GATCGTTATC TTCTCAGA
6709	W Line data has been corrected	ATCAACTTCT ATAATGTGAG GCCTCCTCTC GACCCTAC
6710	W Line data has been corrected	TGCTTTACTT GTGAAAACGC AGGGGATAAT TATAACTG
6711	W Line data has been corrected	TGGTGTCCAC AAAATACACA GTACTGTTTG ACAGTTCA
6712	W Line data has been corrected	AGCACATCCA TCACCAAAAA GTGTGCCTCC AGAAGTGA
6713	W Line data has been corrected	CACAGCCGAG ATTCTGAACA TACGGAGTGT AGGTCTTG
6714	W Line data has been corrected	GTAGAATTAC CCACCAATCA CACTAATGCA GTGTTTGC
6715	W Line data has been corrected	TCTGGCAGCA GTGCCCCAC ACTCTACCTA CCAGTGCT
6716	W Line data has been corrected	TTGCTGTGAT GCCACCATTG CTAGGAGAGG CAGAGACC
6717	W Line data has been corrected	AACTGTGTGA ACGGTGAACT TTGGAGTGAA GATCAATC
6718	W Line data has been corrected	ATTGGACCTC AAGGCGAAAG CCAGTGGTTT GCTTGGAT
6719	W Line data has been corrected	CAGGACTGAG GATGGGAATT TGGCAGGGCC TGAGAAGA
6720	W Line data has been corrected	GGTCAAAGAG AGCTACGTTT GGGCAGTTCT GCAGAGAG
6721	W Line data has been corrected	TGACTAGGCC TTTAGCTGAA AAGGATTTCT TGACCTCC
6722	W Line data has been corrected	GGTCAAACCC TCTTGTATAT GTGATTAGCT CAGAGCAT
6723	W Line data has been corrected	CCTCATGAGA AAGCAGTTTT CCCCACCAAC AGCATAGT
6724	W Line data has been corrected	AAGAAAACCT CCAGTGGAAC TAATATGAAA TCTATTTG
6725	W Line data has been corrected	CTTTTAAATT ATACAATGTA AAAAAAAAAA AAAAAAAA
7310	W "N" or "Xaa" used: Feature required	Gln His Trp Cys Gly Cys Trp Arg Glu His X
7320	W "N" or "Xaa" used: Feature required	Leu Asp Leu Ala Gln Leu Val Thr Thr Thr T
7359	W "N" or "Xaa" used: Feature required	Gly Ser Thr Gly Val Ala Ala Gly Gly Ser T
7378	W "N" or "Xaa" used: Feature required	Ser Thr Xaa Ser Ser
7389	W "N" or "Xaa" used: Feature required	Glu Trp Pro Trp Gln His Trp Cys Gly Cys T
7529	W "N" or "Xaa" used: Feature required	Arg Xaa Lys Pro Cys Phe Gly Lys Lys Asn A
7621	W "N" or "Xaa" used: Feature required	Ser Glu Lys Xaa Xaa Gln Glu Glu Tyr Glu L
7663	W "N" or "Xaa" used: Feature required	Leu Gly Arg Ser Tyr Val Leu Pro Ala Phe S
7961	W "N" or "Xaa" used: Feature required	Gln Arg Pro His Pro Gln Pro Trp Xaa Pro M
7965	W "N" or "Xaa" used: Feature required	His Leu Ser Cys Thr His Ile Asn Pro Lys P
7993	W "N" or "Xaa" used: Feature required	Pro Pro Cys His Leu Ser Cys Thr His Ile A
8025	W "N" or "Xaa" used: Feature required	His His Ser Ser Val Pro Trp Leu Phe Cys S
8027	W "N" or "Xaa" used: Feature required	Xaa Gly Leu Gly Phe Ile
8060	W "N" or "Xaa" used: Feature required	His Ser Ser Val Pro Trp Leu Phe Cys Ser S
8122	W "N" or "Xaa" used: Feature required	Pro Pro Ile Phe Cys Leu Phe Thr Xaa Pro A
8124	W "N" or "Xaa" used: Feature required	Leu Asp Arg Val Ala Ala Leu Val Glu Cys T
8144	W "N" or "Xaa" used: Feature required	Leu Ala Trp Arg Leu Asp Xaa Ala Ser
8171	W "N" or "Xaa" used: Feature required	Lys Ser Pro Asn Met Xaa Xaa Ser Ser Pro I
8173	W "N" or "Xaa" used: Feature required	Phe Thr Gly Gln Ile Ser Ser Pro Leu Gly G
8436	W "N" or "Xaa" used: Feature required	Leu Gln Glu Ser Ala Xaa Gln Phe Ser Ser S
8480	W "N" or "Xaa" used: Feature required	Phe Xaa Leu Ala
8519	W "N" or "Xaa" used: Feature required	Pro Tyr Arg Gly Gly Xaa Pro Tyr His Leu P
8523	W "N" or "Xaa" used: Feature required	Cys Pro Ile Arg Xaa Gly Leu Glu Glu Lys G
8525	W "N" or "Xaa" used: Feature required	Gln Glu Pro Gly Met Xaa Gly Ser Cys Trp A
8527	W "N" or "Xaa" used: Feature required	Asn Val Glu Gly Gln Trp Phe Leu Lys Gln G
8529	W "N" or "Xaa" used: Feature required	Arg Xaa Xaa Xaa Leu Gly Leu
8574	W "N" or "Xaa" used: Feature required	Leu Arg Pro Arg His Gly Thr Leu Ala Ala A
8576	W "N" or "Xaa" used: Feature required	Ala Ala Pro Gly Xaa Arg Ser Arg Pro Ala P
8580	W "N" or "Xaa" used: Feature required	Arg Ala Gly Asp Val Gln Pro Arg Pro Gly S

VERIFICATION SUMMARY
PATENT APPLICATION US/09/818,683A

DATE: 01/11/2002
TIME: 10:54:20

Input Set: I818683A.RAW

Line	Error/Warning	Original Text
8584	W "N" or "Xaa" used: Feature required	Val Leu Pro Glu Gly Asp Pro Gly Gly Ala S
8586	W "N" or "Xaa" used: Feature required	Gly Val Pro Ala Pro Cys Val Xaa Glu Thr L
8606	W "N" or "Xaa" used: Feature required	Xaa Xaa Lys Gly Xaa Val Thr Lys Val Lys A
8627	W "N" or "Xaa" used: Feature required	Thr Leu Ala Ala Ala Ala Val Xaa Ala Gly A
8633	W "N" or "Xaa" used: Feature required	Pro Arg Pro Gly Ser Arg Xaa Ala Gly Asp A
8750	W "N" or "Xaa" used: Feature required	Leu Trp His Arg Cys Cys Leu Pro Gly Gly A
8752	W "N" or "Xaa" used: Feature required	Leu Xaa Gln Gly Arg Ser Ala Cys Leu Leu H
8756	W "N" or "Xaa" used: Feature required	Leu Pro Pro Arg Ser Ser Gly Ser Lys Phe X
8783	W "N" or "Xaa" used: Feature required	Ala Xaa Gly Thr His Arg Xaa Ala Tyr Pro G
8909	W "N" or "Xaa" used: Feature required	Ser Cys Phe Leu Val Ala Leu Ile Ile Trp C
8930	W "N" or "Xaa" used: Feature required	Met Trp Val Xaa Gly Glu Glu Val Leu Gly S
8956	W "N" or "Xaa" used: Feature required	Met Asn Arg Val Ala His Pro Ser His Val L
9040	W "N" or "Xaa" used: Feature required	Ile Val Val Xaa Pro Met Gly Ser Gly Ser A
9429	W "N" or "Xaa" used: Feature required	His Arg Trp Val Pro Arg Ser Leu Pro Gly M
9433	W "N" or "Xaa" used: Feature required	Pro Xaa Pro Val Leu Cys Glu Trp Lys Arg L
9437	W "N" or "Xaa" used: Feature required	Ser Xaa Cys Arg Arg Gly His Leu Ser Phe L
9439	W "N" or "Xaa" used: Feature required	Pro Leu Phe Pro Ile Ser Pro Leu Xaa
9474	W "N" or "Xaa" used: Feature required	Arg Gly Pro Gln Pro Pro Pro Gln Xaa Arg G
9476	W "N" or "Xaa" used: Feature required	Gly Tyr Gly Ala Pro Glu Arg Lys Leu Arg T
9478	W "N" or "Xaa" used: Feature required	Glu Arg Xaa Pro Pro Pro Pro Pro Thr Pro G
9484	W "N" or "Xaa" used: Feature required	Ala Ala Arg Xaa Leu Pro Ile Pro Gly Arg A
9621	W "N" or "Xaa" used: Feature required	Cys His Tyr Thr Leu Met Ser His Ser Glu A
9751	W "N" or "Xaa" used: Feature required	Pro Pro His Pro Ser Leu His Pro Val Gln L
9753	W "N" or "Xaa" used: Feature required	Gln Gln Asn Pro Xaa His Asp Gln Arg Ala P
9885	W "N" or "Xaa" used: Feature required	Arg Gly Lys Lys Ile Lys Gly Thr Phe Asn X
9916	W "N" or "Xaa" used: Feature required	Lys Thr Phe Ile Leu Leu Phe Leu Pro Ser S
9918	W "N" or "Xaa" used: Feature required	Xaa Xaa Pro Pro Ser His Ser Ser Thr Leu G
9920	W "N" or "Xaa" used: Feature required	Ile Met Arg Ser Gly Asp Arg Xaa His Xaa G
9943	W "N" or "Xaa" used: Feature required	Val Val Phe Phe Xaa Xaa Phe Phe Glu Met G
9949	W "N" or "Xaa" used: Feature required	Tyr Arg Arg Pro Pro Pro Ser Pro Ala Asn L
9951	W "N" or "Xaa" used: Feature required	Arg Asp Gly Gly His His Val Ser Gln Xaa G
10349	W "N" or "Xaa" used: Feature required	Arg Gly Pro Xaa Asn Gly Arg Phe Ala Leu V
10361	W "N" or "Xaa" used: Feature required	Ala Leu Arg Arg Ala His Asp Tyr Glu Val A
10379	W "N" or "Xaa" used: Feature required	Met Val Ile Xaa Pro Gly Gly Leu Thr Ser G
10434	W "N" or "Xaa" used: Feature required	Xaa Tyr Arg Met Asn Thr Lys Phe Leu Glu S
10520	W "N" or "Xaa" used: Feature required	Thr Xaa Ser Leu Glu Asn His Lys Asn Ile A
10606	W "N" or "Xaa" used: Feature required	Gly Ser Val Leu Leu His Trp Arg Pro Asn X
10628	W "N" or "Xaa" used: Feature required	Ala Gln Tyr Arg Arg Leu Pro Phe Ser Arg A
10644	W "N" or "Xaa" used: Feature required	Ser Gly Ser Val Leu Leu His Trp Arg Pro A
10871	W "N" or "Xaa" used: Feature required	Pro Ala Gly Leu Trp Phe Cys Ile Lys Asn I
10873	W "N" or "Xaa" used: Feature required	Phe Gly Lys Xaa Gly Phe
10931	W "N" or "Xaa" used: Feature required	His Lys Tyr Xaa Gln Glu Ser Lys Lys Ala G
10990	W "N" or "Xaa" used: Feature required	Leu Tyr Leu Leu Gly Asn Ile Asn Lys Arg T